EXPERIMENTAL PROJECT
FOR THE EVALUATION OF CRACK-SEALING MILLED PAVEMENT IN THE EFFORT TO REDUCE TRANSVERSE CRACKING
Annual Report

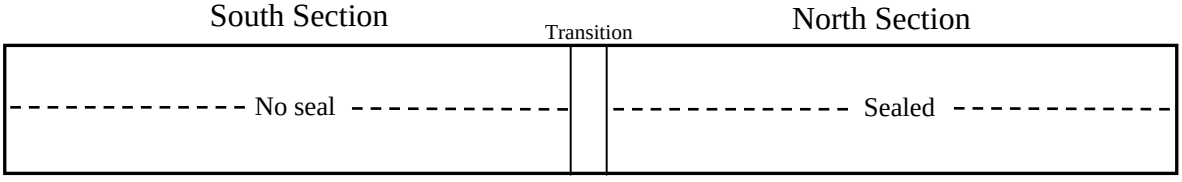
Location:	Teton County, Interstate 15, milepost 312; Northbound
Project Number:	Dutton N & S IM 15-6(35)309
Type of Project:	Crack-sealing of Milled AC Pavement
Principal Investigator:	Craig Abernathy Experimental Project Manager
Date Constructed:	August 2005
Evaluation Date:	June 2006

Objective

To determine if crack sealing milled pavement prior to overlay will deter the migration of transverse cracking, or have an effect on pavement performance, when compared to an adjacent milled pavement that receives no crack sealing.

Experimental Design

Two 1000 ft. sections were delineated during construction in the northbound lanes at approximately milepost 312. One section received the normal crack seal procedure and the second section received no treatment. A 100 ft. transition zone separates the two sections. As cracking becomes visible, a crack map of the milled sections will be completed to compare the progression of cracks to both sections.



Northbound I-15

Analysis

As expected no cracks have appeared to date. The appearance of the mat is tight with no visible distress to report. The following are images taken before and after the overlay was applied.


Prior to construction - 2005


South Section; No Seal - 2006

The next scheduled evaluation is in summer of 2007. To view this report online and other experimental projects go to: http://www.mdt.mt.gov/research/projects/epsl.shtml